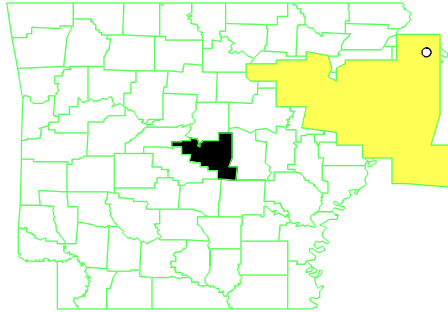


ROGERS ROAD MUNICIPAL LANDFILL ARKANSAS

EPA REGION 6
CONGRESSIONAL DISTRICT 02
Pulaski County
Updated: June 26, 2000

EPA ID# ARD981055809



Site Description

- Location:**
- ! On Rogers Road east of Jacksonville, Arkansas, just inside the Lonoke County line.
 - ! Located north of Little Rock, the Jacksonville Landfill site is located approximately ½ mile to the east.
- Population:**
- ! Approximately 10,000 within three miles of the site.
- Setting:**
- ! An estimated 10,000 people draw drinking water from public and private wells.
 - ! A private well is 2,640 feet from the site.
 - ! The site encompasses approximately ten acres and is used for recreational purposes such as hunting.
 - ! About 30 deteriorating drums were in the landfill giving off a strong chemical odor. Soil around the drums was contaminated.
 - ! On-site soil and the drums were contaminated with herbicides and pesticides, 2,4-D, 2,4, 5-T, 2,4,5-TP, 2,3,7,8-TCDD and dieldrin.
- Hydrology:**
- ! Geology under the site consists of alluvial deposits of clay and silty clay to about 25 feet.
 - ! Below 25 feet, the deposits consist of silty clay and sand. Surface water and ground water flow is generally to the southeast.

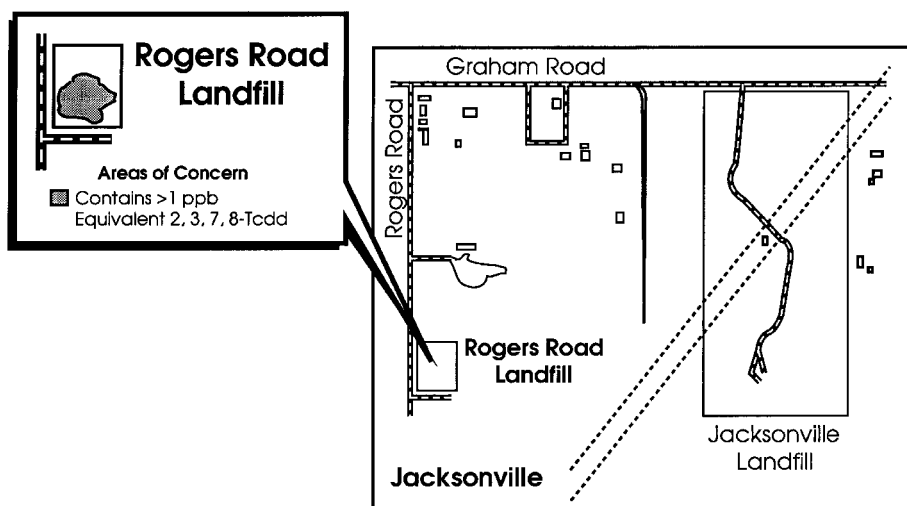
Wastes and Volumes

- ! The primary pollutants included 2,3,7,8TCDD, herbicides (2,4,5-T, 2,4,5-TP and 2,4-D), and the pesticide, dieldrin.
- ! 200 cubic yards of contaminated soil and 38 drums of hazardous material were excavated during site remediation. There is no off-site contamination.

Site Assessment and Ranking

NPL LISTING HISTORY
Site HRS Score: 29.64
Proposed Date: 01/22/87
Final Date: 07/22/87
NPL Update: No. 6

Site Map and Diagram



The Remediation Process

Site History:

- ! The City of Jacksonville purchased the site on September 16, 1953, and operated it as a landfill (an open dump) until October 1974.
- ! The landfill closed when the Arkansas Department of Pollution Control and Ecology turned down an application for a permit due to high water levels and poor drainage.
- ! In addition to municipal waste, drums of chemical waste were also dumped at the landfill.

Health Considerations:

- ! Potential for direct contact.
- ! Potential for contamination of residential wells.

Record of Decision

Signed: September 27, 1990

! The remedy selected for the Rogers Road Municipal Landfill included excavation of the on-site waste material, thermal treatment and ash disposal of this material at the Vertac Chemical Corp., capping of residual waste onsite, long term ground water monitoring and site maintenance.

<u>Other Remedies Considered</u>	<u>Reason Not Chosen</u>
1. No action	Not protective
2. Capping	Not permanent; does not satisfy EPA's preference for treatment
3. Off-site Thermal Destruction	No commercial facility presently permitted to accept dioxin waste
4. Thermal Destruction at Jacksonville Landfill	Less secure location than Vertac: not industrially zoned.

Community Involvement

- ! Community Involvement Plan: Developed 11/88.
 - ! Open houses and workshops: Open house 7/88; Update 11/88 and 3/89; Open house and Update 7/89; Update 12/89; Update 5/90, Update 6/94
 - ! Original Proposed Plan Fact Sheet and Public Meeting: 07/90.
 - ! Original Record of Decision (ROD) Fact Sheet: 10/90.
 - ! Milestone: Satellite Office Open 7/90, Continuing Community Outreach/Contact
 - ! Remedial Design/Remedial Action (RD/RA) Public Meeting 8/94
 - ! Citizens on site mailing list: 250
 - ! Constituency Interest:
 - Highly organized community interest (PACCE, FUSE, ACCA, ECA, AA, NAACP, GREENPEACE, JPWP, AARF).
 - Elected officials at all levels are keenly aware of and interested in this site.
 - ! Site Repository: Jacksonville City Hall
- ! Community Relations for this site are also accomplished through VERTAC site outreach.

Technical Assistance Grant

- ! Original Availability Notice: 04/88, 01/92
- ! Letters of Intent Received:
 - 1) Jacksonville People With Pride Cleanup Coalition (JPWPCUC)
 - 2) Vertac Area Citizens Group
 - 3) Friends United for a Safe Environment
 - 4) People Against Chemically Contaminated Environment
- ! Final Application received: 02/22/89

- ! Grant Award: 05/18/89 to JPWPCUC
- ! Budget Period: 04/05/93-04/04/95
- ! Current Status: Grant award to JPWPCUC was annulled 12/91 due to apparent conflict of interest.

- ! Availability re-advertised 01/92
- ! Letters of Intent received:
 - 1) Jacksonville Superfund Oversight Committee
 - 2) People Against a Chemically Contaminated Environment
 - 3) Jacksonville Superfund Cleanup Coalition
 - 4) Concerned Citizens Coalition (CCC)
- ! Final Application Received: 02/24/93
- ! Grant Award: 04/05/93 to CCC
- ! Budget Period: 04/05/93-04/04/96
- ! Grantee: Concerned Citizens Coalition, Inc. (CCC)
 - Bob Johnson, President
 - Jacksonville, AR
- ! Technical Advisor selected 9/94, ECO, Inc., contract signed 12/94, terminated 12/95.
- ! Second Technical Advisor, Carlisle Consulting, Inc., selected 03/96, document reviews and input to remedy selection resumed.
- ! Current Status: Significant effort and outreach by EPA resulted in consolidation of competing groups onto the CCC Board of Directors. All funds disbursed and grant closed out.

- ! Another TAG awarded to CCC
- ! Grant Award: 04/05/96 to CCC
- ! Budget Period: 04/05/96-04/04/99
- ! Tag expired 04/04/99. TAG is currently being closed and deobligated.

Contacts

- ! **Remedial Project Manager (EPA):** Kathleen Aisling, 214-665-8509, Mail Code: 6SF-LT
- ! **State Contact:** Brian Wakelyn (ADEQ), 501-682-0845
- ! **Community Involvement (EPA):** Kathleen Aisling, 214-665-8509, Mail Code: 6SF-LT
- ! **State Coordinator (EPA):** Karen Bond, 214-665-6682, Mail Code: 6SF-AP
- ! **Prime Contractor:** RD/RA-U.S. EPA TAT Team,
 - Ecology & Environment

Enforcement

- ! RI/FS Special Notice Letters issued 1/88.
- ! RI/FS was conducted using fund monies.
- ! ROD issued 9/90.
- ! Consent Decree (CD) between EPA and one settling PRP entered 5/94.
- ! CD covered excavation and off-site treatment of site waste.

Present Status and Issues

- ! EPA signed the Preliminary Close-out Report and conducted a ribbon-cutting ceremony signifying construction completion on September 25, 1995.
- ! EPA signed the Close-out Report on April 30, 1996.
- ! Site is in operation and maintenance phase.
- ! EPA plans to propose that the site be deleted from the NPL in the summer of 2000.
- ! Interviews and a site inspection will be conducted in late June in support of the site five-year review.

Benefits

- ! Excavation of all hazardous substances at the site has eliminated the potential for exposure to contaminants at the Rogers Road Municipal Landfill.
- ! Access to the site will remain restricted and the City will continue to conduct operation and maintenance activities.
- ! Had the site not been cleaned up, it would have continued to act as a source of soil contamination and a potential source of ground water contamination.
- ! Once the site is deleted from the NPL, the city intends to use the land, possibly for community purposes.